

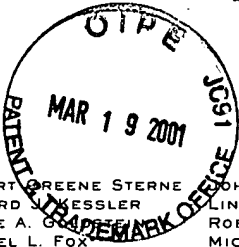
GP 2719  
#5  
2684  
RECEIVED  
MAR 7 4 2001  
Technology Center 2600

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W. • WASHINGTON, D.C. 20005-3934

PHONE: (202) 371-2600 • FACSIMILE: (202) 371-2540 • www.skgf.com



ROBERT GREENE STERNE  
EDWARD J. KESSLER  
JORGE A. GOLDSTEIN  
SAMUEL L. FOX  
DAVID K.S. CORNWELL  
ROBERT W. ESMOND  
TRACY-GENE G. DURKIN  
MICHELE A. CIMBALA  
MICHAEL B. RAY  
ROBERT E. SOKOHL  
ERIC K. STEFFE  
MICHAEL O. LEE  
STEVEN R. LUDWIG

JOHN M. COVERT\*  
LINDA E. ALCORN  
ROBERT C. MILLONIG  
MICHAEL V. MESSINGER  
JUDITH U. KIM  
TIMOTHY J. SHEA, JR.  
DONALD R. MCPHAIL  
PATRICK E. GARRETT  
STEPHEN G. WHITESIDE  
JEFFREY T. HELVEY\*  
HEIDI L. KRAUS  
JEFFREY R. KURIN  
RAYMOND MILLIEN

PATRICK D. O'BRIEN  
LAWRENCE B. BUGAISKY  
CRYSTAL D. SAYLES  
EDWARD W. YEE  
ALBERT L. FERRO\*  
DONALD R. BANOWIT  
PETER A. JACKMAN  
MOLLY A. MCCALL  
TERESA U. MEDLER  
JEFFREY S. WEAVER  
KRISTIN K. VIDOVICH  
KENDRICK P. PATTERSON  
DONALD J. FEATHERSTONE

GRANT E. REED  
VINCENT L. CAPUANO  
JOHN A. HARROUN\*  
ALBERT J. FASULO II\*  
W. BRIAN EDGE\*  
ELDORA ELLISON FLOYD\*  
W. RUSSELL SWINDELL  
THOMAS C. FIALA  
LONNY L. MULLER\*  
BRIAN J. DEL BUONO\*  
VIRGIL L. BEASTON\*  
RYAN J. STAMPER\*

KAREN R. MARKOWICZ\*\*  
SUZANNE E. ZISKA\*\*  
ANDREA J. KAMAGE\*\*  
NANCY J. LEITH\*\*  
ELIZABETH J. HAANES\*\*  
MARK P. TERRY\*\*

\*BAR OTHER THAN D.C.  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

March 19, 2001

WRITER'S DIRECT NUMBER:

(202) 371-2674

INTERNET ADDRESS:

MLEE@SKGF.COM

Commissioner for Patents  
Washington, D.C. 20231

Attn: Office of Initial Patent Examination  
Customer Service Center

Re: U.S. Utility Patent Application  
Appl. No. 09/525,615; Filed: March 14, 2000  
For: **Method, System and Apparatus for Balanced Frequency Up-  
Conversion of a Baseband Signal**  
Inventors: Sorrells *et al.*  
Our Ref: 1744.0450003/MQL/JTH

Sir:

Transmitted herewith for appropriate action are the following documents:

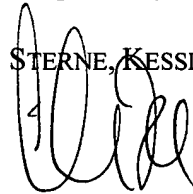
1. Request for Second Corrected Official Filing Receipt;
2. A photocopy of the Official Filing Receipt, with corrections indicated in "red ink"; and
3. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
March 19, 2001  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

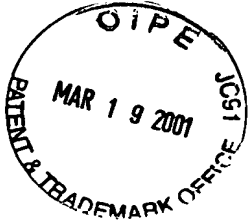


STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee  
Attorney for Applicants  
Registration No. 35,239

JTH/slw  
Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of:

Sorrells *et al.*

Appl. No. 09/525,615

Filed: March 14, 2000

For: **Method, System and Apparatus  
for Balanced Frequency Up-  
Conversion of a Baseband Signal**

Art Unit: 2749

Examiner: To be Assigned

Atty. Docket: 1744.0450003/MQL/JTH  
**RECEIVED**

MAR 22 2001

Technology Center 2600

**Request for Second Corrected Official Filing Receipt**

Commissioner for Patents

Washington, D.C. 20231

Attn: Office of Initial Patent Examination

Customer Service Center

Sir:

Applicants hereby request that a corrected Official Filing Receipt be issued and sent to the undersigned representative. Specifically, the following corrections to the Official Filing Receipt are requested:

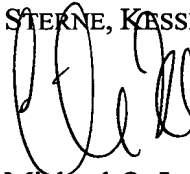
In the Continuing Data section, line 1, after "01/24/2000 " insert --,--;  
line 2, before "60/171,349" delete "Which Claims Benefit of";  
line 2, after "60/171,349" insert --12/21/1999,--;  
line 3, before "60/171,502" delete "Which Claims Benefit of";  
line 3, after "12/22/1999" insert --,--;  
line 4, before "60/177,705" delete "Which Claims Benefit of";  
line 4, after "01/24/2000" insert --,--;  
line 5, before "60/129,839" delete "Which Claims Benefit of";  
line 5, after "04/16/1999" insert --,--;  
line 6, before "60/158,047" delete "Which Claims Benefit of";  
line 6, after "10/07/1999" insert --,--;  
line 7, before "60/177,702" delete "Which Claims Benefit of";  
line 7, after "01/24/2000" insert --,--;

line 8, before "60/180,667" delete "Which Claims Benefit of";  
line 8, after "02/07/2000" insert --, and--;  
line 9, before "60/171,496" delete "Which Claims Benefit of";  
line 9, after "12/22/1999" insert --.--

In support of the above request, a photocopy of the instant Official Filing Receipt is enclosed with the corrections noted in red. It is requested that a corrected Official Filing Receipt be issued, and sent to the undersigned at the earliest possible time.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael Q. Lee  
Attorney for Applicants  
Registration No. 35,239

Date: 3/19/01

1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
(202) 371-2600



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/525,615	03/14/2000	2749	2794	1744.0450003	134	95	11

STERNE KESSLER GOLDSTEIN & FOX P L L C  
Attorneys at Law  
Suite 600 1100 New York Avenue N W  
Washington, DC 20005-3934

## CORRECTED FILING RECEIPT



\*OC00000005469495\*

Date Mailed: 10/12/2000

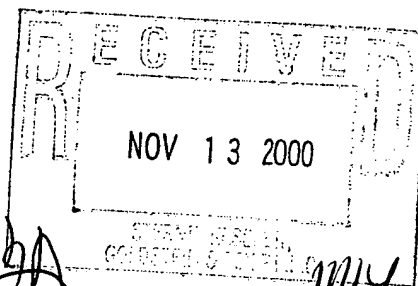
Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

David F. Sorrells, Jacksonville, FL ;  
Michael J. Bultman, Jacksonville, FL ;  
Robert W. Cook, Switzerland, FL ;  
Richard C. Looke, Jacksonville, FL ;  
Charley D. Moses JR., Jacksonville, FL ;  
Gregory S. Rawlins, Lake Mary, FL ;  
Michael W. Rawlins, Lake Mary, FL ;

## Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/177,381 01/24/2000,  
~~WHICH CLAIMS BENEFIT OF 60/171,349 12/21/1999,~~  
~~WHICH CLAIMS BENEFIT OF 60/171,502 12/22/1999,~~  
~~WHICH CLAIMS BENEFIT OF 60/177,705 01/24/2000,~~  
~~WHICH CLAIMS BENEFIT OF 60/129,839 04/16/1999,~~  
~~WHICH CLAIMS BENEFIT OF 60/158,047 10/07/1999,~~  
~~WHICH CLAIMS BENEFIT OF 60/177,702 01/24/2000,~~  
~~WHICH CLAIMS BENEFIT OF 60/180,667 02/07/2000,~~  
~~WHICH CLAIMS BENEFIT OF 60/171,496 12/22/1999,~~ and



## Foreign Applications

If Required, Foreign Filing License Granted 05/17/2000

RECEIVED

MAR 22 2001

Technology Center 2600

## Title

Method, system and apparatus for balanced frequency up-conversion of a baseband signal

## Preliminary Class

455



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22.CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

**RECEIVED**

**MAR 22 2001**

**Technology Center 2600**